



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)
)
Group Art Unit 2821)
) **ENERGY HARVESTING CIRCUITS**
MARLIN H. MICKLE et al.) **AND ASSOCIATED METHODS**
)
Serial No. 10/624,051) Attorney Docket No. 214001-01021-1
)
Filed: July 21, 2003)

INFORMATION DISCLOSURE STATEMENT

April 1, 2004

Mail Stop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:


Pursuant to the provisions of 37 CFR Sections 1.56, 1.97 and 1.98, Applicants submit herewith copies of the prior art documents cited on the attached Forms PTO/SB/08A and PTO/SB/08B for consideration during prosecution of the subject Application.

The cited art, preceded by an asterisk, is discussed at Page 1, Line 16, through Page 5, Line 17.

This Statement is filed solely for the purpose of complying with the pertinent rules of the Office and is not intended to be a substitute for an independent evaluation by the Examiner of the art cited or an independent search by the Examiner, and no representation of any nature is made or intended by the filing of this Statement.

In addition to the art cited on Forms PTO/SB/08A and PTO/SB/08B, Applicants and/or their attorneys may have been exposed to or considered additional art relating to the general class of the subject matter of the invention. However, if in fact such exposure or consideration has occurred, to the best of their recall or judgment, none of such art is prior art which is more relevant than the art cited.

Respectfully submitted,


Arnold B. Silverman
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Eckert Seamans Cherin & Mellott, LLC
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Attorney for Applicants

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PTO/SB/08A (08-03)

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STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/624,051
Filing Date	July 21, 2003
First Named Inventor	Marlin H. Mickle
Art Unit	2821
Examiner Name	
Attorney Docket Number	214001-01021-1

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A	US- 4,129,125	12-12-1978	Lester et al.	
	B	US- 4,166,470	09-04-1979	Neumann	
	C	US- 4,308,870	01-05-1982	Arkans	
	D	US- 4,356,825	11-02-1982	Veth	
	E	US- 4,432,363	02-21-1984	Kakegawa	
	F	US- 4,443,730	04-17-1984	Kitamura et al.	
	G	US- 4,494,553	01-22-1985	Sciarra et al.	
	H	US- 4,576,179	03-18-1986	Manus et al.	
*	I	US- 4,598,276	07-01-1986	Tait	
	J	US- 4,724,427	02-09-1988	Carroll	
*	K	US- 4,857,893	08-15-1989	Carroll	
	L	US- 4,889,131	12-26-1989	Salem et al.	
	M	US- 5,022,402	06-11-1991	Schieberl et al.	
	N	US- 5,111,213	05-05-1992	Jahoda et al.	
	O	US- 5,230,342	07-27-1993	Bobo, Jr. et al.	
*	P	US- 5,296,866	03-22-1994	Sutton	
	Q	US- 5,335,551	08-09-1994	Ohnishi et al.	
	R	US- 5,387,259	02-07-1995	Davidson	
	S	US- 5,586,555	12-24-1996	Bobo, Jr. et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
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Sheet 2 of 3

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		Number-Kind Code ² (if known)			
	T	US- 5,613,230	03-18-1997	Gottfried et al.	
	U	US- 5,729,572	03-17-1998	Oh	
	V	US- 5,736,937	04-07-1998	McGirr et al.	
	W	US- 5,760,558	06-02-1998	Popat	
	X	US- 5,768,696	06-16-1998	Law	
	Y	US- 5,808,760	09-15-1998	Gfeller	
	Z	US- 5,815,807	09-29-1998	Osmani et al.	
	AA	US- 5,841,122	11-24-1998	Kirchhoff	
	BB	US- 5,844,516	12-01-1998	Viljanen	
	CC	US- 5,862,803	01-26-1999	Besson et al.	
	DD	US- 5,874,723	02-23-1999	Hasegawa et al.	
	EE	US- 5,952,814	09-14-1999	Van Lerberghe	
	FF	US- 6,127,799	10-03-2000	Krishnan	
	GG	US- 6,141,763	10-31-2000	Smith et al.	
	HH	US- 6,284,651	09-04-2001	Sharan et al.	
*	II	US- 6,289,237	09-11-2001	Mickle et al.	
	JJ	US- 6,310,465	10-30-2001	Najima	
*	KK	US- 6,373,447	04-16-2002	Rostoker et al.	
	LL	US- 6,411,199	06-25-2002	Geiszler et al.	

FOREIGN PATENT DOCUMENTS

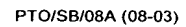
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Sheet	3	of	3
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Application Number	10/624,051
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	10/624,051		
		Filing Date	July 21, 2003		
		First Named Inventor	Marlin H. Mickle		
		Art Unit	2821		
		Examiner Name			
Sheet	1	of	1	Attorney Docket Number	214001-01021-1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
*	SS	CRAIG F. BOHREN; "How can a particle absorb more than the light incident on it?"; American Journal of Physics; April 1983; pp.323-327; 51; 4; American Assoc. of Physics Teachers, College Park, Maryland, USA	
*	TT	AMBROSE FLEMING; "On Atoms of Action, Electricity, and Light"; London, Edinburgh and Dublin Philosophical Magazine; 1932; pp.591-599; V.14, UNITED KINGDOM	
	UU	R. M. HORNBY; "RFID Solutions for the Express Parcel and Airline Baggage Industry"; Texas Instruments Limited; October 7, 1999; Texas Instruments, Plano, Texas, USA	
*	VV	H. PAUL and R. FISCHER; "Light absorption by a dipole"; Sov. Phys. Usp.; October 1983; pp.923-926; 26; 10; American Institute of Physics, College Park, Maryland, USA	
	WW	K. V. S. RAO; "An Overview of Back Scattered Radio Frequency Identification System (RFID)"; IEEE; 1999; 0-7803-5761-2/99; Piscataway, New Jersey, USA	
*	XX	REINHOLD RÜDENBERG; "The Reception of Electrical Waves in Wireless Telegraphy"; Annalen der Physik; 1908; Vol. 25; Vol. 25; Verlag von Johann Ambrosius Barth, Leipzig, Germany	
	YY	N. SALEH and A. H. QUERESHI; "Permalloy Thin-Film Inductors"; Electronic Letters; December 31, 1970; pp.850-852; Vol. 6; No. 26; IEEE, Piscataway, New Jersey, USA	
	ZZ	R. F. SOOHOO; "Magnetic Thin Film Inductors for Integrated Circuit Applications"; IEEE Transactions on Magnetics; November 1979; pp.1803-1805; Vol. MAG-15; No. 6; IEEE, Piscataway, New Jersey	

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FORM**

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Total Number of Pages in This Submission

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Application Number	10/624,051
Filing Date	July 21, 2003
First Named Inventor	Marlin H. Mickle
Art Unit	2821
Examiner Name	
Attorney Docket Number	214001-01021-1

ENCLOSURES (Check all that apply)

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|--|--|---|
| <input type="checkbox"/> Fee Transmittal Form
<input type="checkbox"/> Fee Attached
<input type="checkbox"/> Amendment/Reply
<input type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)
<input type="checkbox"/> Extension of Time Request
<input type="checkbox"/> Express Abandonment Request
<input checked="" type="checkbox"/> Information Disclosure Statement
<input type="checkbox"/> Certified Copy of Priority Document(s)
<input type="checkbox"/> Response to Missing Parts/Incomplete Application
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)
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<input type="checkbox"/> Power of Attorney, Revocation
<input type="checkbox"/> Change of Correspondence Address
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Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Arnold B. Silverman Eckert Seamans Cherin & Mellott, LLC
Signature	<i>Arnold B. Silverman</i>
Date	April 1, 2004

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Signature

Betsy A. Schreck

Date

April 1, 2004

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